

Public Hearing: December 12, 2005

## **F A C T   S H E E T**

**TITLE:** Resolution to Recognize the Stevens Creek Floodprone Areas as Best Available Information

**SPONSOR:** Public Works & Utilities

**OPPONENTS:** Unknown

**OTHER DEPARTMENTS AFFECTED:**  
Building and Safety  
Planning

**STAFF RECOMMENDATION:** For

**APPLICANT:** Public Works & Utilities

**REASON FOR LEGISLATION:**

To formally recognize the revised Stevens Creek 100-year Floodprone Areas and revised Floodway as the best available information for local flood regulation purposes.

## **D I S C U S S I O N**

The City Council adopted a resolution to formally recognize the revised floodprone areas of Stevens Creek in December of 2004, in conformance with the Flood Standards for New Growth Areas adopted by the City Council on May 10, 2004. This resolution updates the 2004 map to reflect the grading now completed in Prairie Village and to respond to a request to conduct more detailed mapping to account for stormwater detention in Northern Lights. In addition, construction is far enough along on all NRD dams (including the dam in Waterford Estates), so that all dams have now been incorporated into the flood mapping.

A small portion of the Stevens Creek watershed (including the Northern Lights and Prairie Village developments) is within the Existing Urban Area. Application of the best available flood information within the Existing Urban Area requires a revision to the ordinance which is proposed concurrently with the map update.

### ***Technical Study***

The City, as a Cooperating Technical Partner with the Federal Emergency Management Agency (FEMA), contracted with a consulting firm to develop revised floodplain mapping for Stevens Creek. This technical study was undertaken as a major component of the proposed Stevens Creek Watershed Master Plan, which was a cooperative effort of the City and the Lower Platte South NRD. The technical floodplain study component has been completed, certified by a licensed engineer, and is being reviewed by FEMA. The study has been completed in compliance with FEMA's Guidelines and Specifications for Flood Hazard Mapping Partners.

### ***Public Information***

The initial draft floodplain/floodprone area maps for Stevens Creek and its tributaries were made available for viewing at four public open houses in 2004 on June 23, September 13, September 28 and November 18. Approximately 4,000 notices were mailed to local area property owners as well as to over 400 engineers, developers, governmental agencies, conservation groups and others for each meeting.

### ***Conclusion***

The City Council adopted a resolution to formally recognize the revised floodprone areas of Stevens Creek in December of 2004, in conformance with the Flood Standards for New Growth Areas adopted by the City Council on May 10, 2004. This resolution updates the 2004 map to reflect grading completed and documented since the 2004 map.

**POLICY OR PROGRAM CHANGE:** No. This resolution conforms with the Flood Standards for New Growth Areas adopted by the City Council in May 2004.

**COST OF TOTAL PROJECT:** None.

**FACT SHEET PREPARED BY:** Devin Biesecker, Engineer

**REVIEWED BY:** Karl Fredrickson, Director of Public Works/Utilities